



FIG. 1

Group	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Period	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	1 H	4 He																2 He
2	3 Li	6 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
3	11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
4	19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
5	37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
6	55 Cs	56 Ba	71 Lu	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
7	87 Fr	88 Ra	103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Uub	113 Uut	114 Uuq	115 Uup	116 Uuh	117 Uus	118 Uuo
*Lanthanoids																		
**Actinoids																		
			57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb		
			89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No		

FIG. 2

aâãäåâbcdeëêëëfghiiïjklmnoòóôöpqrstuûüüvwxyz
 ABCDEFGHIJKLMNOPQRSTUVWXYZ

FIG. 3A

The Dutch Alphabet

abcdefghijklmnopqrssšzžtuvwõäöüxy
 ABCDEFGHIJKLMNOPQRSŠZŽTUVWÕÄÖÜXY

FIG. 3B

The Estonian Alphabet

ا ب پ ت ث ج چ ح خ د ذ ر ز س ش ص ض ط
 ظ ع غ ف ق ک ل م ن ه و ي
 ٠ ١ ٢ ٣ ٤ ٥ ٦ ٧ ٨ ٩

FIG. 3C

The Farsi Alphabet

abcdefghijklmnopqrstuvwxyzäåö
 ABCDEFGHIJKLMNOPQRSTUVWXYZÄÅÖ

FIG. 3D

The Finnish Alphabet

BEST AVAILABLE COPY

aââbcçdeéêëèfghïîjklmnoôæpqrstuûüvwxyz
 ÀÂÂBCCÇDEÉÊËÈFGHÎÏJKLMNOÔÆPQRSTUÛÜVWXYZ

FIG. 3E

The French Alphabet

abcdefghijklmnopqrstuvwxyzßäöü
 ABCDEFGHIJKLMNOPQRSTUVWXYZÄÖÜ

FIG. 3F

The German Alphabet

ΑΒΓΔΕΖΗΘΙΙΚΛΜΝΞΟΠΡΣΤΥΨΥΦΧΨΩΩ
 αβγδεζηθιϊκλμνξοόπρσςτυϋύφχψωώ

FIG. 3G

The Greek Alphabet

פצףפפסןנסנסנב'נסנסנסנסנס
 נפנפנפ

FIG. 3H

The Hebrew Alphabet

5/7

क ख ग घ ङ च छ ज झ ञ ट ठ ड ढ ण त थ द ध न प फ ब भ
 म य र ल व श ष स ह ळ क्ष त्र ज्ञ
 १ २ ३ ४ ५ ६ ७ ८ ९ १०

FIG. 3I

The Hindi Alphabet

aābcdeēfghiījklmnoöóopqrstuüúüvwxyz
 AÂBCDEÊËFGHIÎJKLMNOÖÓÔPQRSTUÛÜÛVWXYZ

FIG. 3J

The Hungarian Alphabet

aābcdeēēfghiīīījklmnoöóopqrstuüúüvwxyz
 AÂBCDEÊÊÊFGHIÎÎÎJKLMNOÖÓÔPQRSTUÛÜÛVWXYZ

FIG. 3K

The Italian Alphabet

ab c d e f g h i j k l m n o p q r s t u v w x y z æ œ ä
 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Æ Ø Ä

FIG. 3L

The Norwegian Alphabet"

BEST AVAILABLE COPY

6/7

aąbċćdeēfghijklmñńoópqrsśtuvwxyzźż
 AĄBĊĆDEĖFGHIJKLŁMNŃOÓPQRSŚTUVWXYZŹŻ

FIG. 3M

The Polish Alphabet

aaaaãābċćdeēēfghijījklmnoōóôõpqrstuúüvwxyz
 AAAÁÃBĊĆDEĖĖFGHIÍJJKLMNOÒÓÔÕPQRSTU
 ÚÜVWXYZ

FIG. 3N

The Portuguese Alphabet

абвгдеёжзийклмнопрстуфхцчшщъыьэюя
 АБВГДЕЁЖЗИЙКЛМНОПРСТУФХЦЧШЩЪЫЬЭЮЯ

FIG. 3O

The Russian Alphabet

aábcdeēfghijījklmññoópqrstuúüvwxyz
 AÁBCDEĖFGHIÍJJKLMNÑÑOÓPQRSTUÚÜVWXYZ

FIG. 3P

The Spanish Alphabet

BEST AVAILABLE COPY

